

Reg. No	: CIMS/A/2022/390876	VisitNo	: HC/281122/97	[HCV]
Patient Name	: MR. PARVINKUMAR BAROT	Age(Y-M-D)/Sex	: 57 Y 5 M 19 D. / Male	
Referring Doctor	: Dr. CIMS DOCTOR	Doctor	:	
Ward/Room	:	Bed	:	

ORD/281122/2457

LAB/281122/739 Lab No : 2022175794 LSN : 937767 (Whole Blood) Sample Quality : Normal
Collection Time : 28/11/2022 15:50:56 Arrival : 28/11/2022 16:11:57 Validation Time 28/11/2022 11:32:32PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
HbA1c (Glycosylated Haemoglobin)			
TEST			
HbA1c (Glyoco Hb) (Immuno Turbidimetric)	7.11	%	4.8-5.9% Normal 5.9-7.0% Good diabetic control 7.0-10.0% Fair diabetic control >10.0% Poor diabetic control
Mean Plasma Glucose	175.9	mg/dL	80 - 140 mg/dL

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
CBC With ESR			
TOTAL COUNT			
Hemoglobin (SLS Hemoglobin Detection method)	16.4	g/dl	13.5 - 18.0 g/dl
Total RBC Count (Hydro Dynamic Focusing Method)	5.7	mill/Cmm	4.7 - 6.0 mill/Cmm
HCT (Hydro Dynamic Focusing Method)	49.3	%	42 - 52 %
Total WBC Count (Flow Cytometry)	10820	/Cmm	4000 - 10500 /Cmm
Platelet Count (Hydro Dynamic Focusing Method)	307000	/Cmm	150000 - 450000 /Cmm
DIFFERENTIAL COUNT (by Flow Cytometry)			
Polymorphs	71	%	40 - 70 %
Lymphocytes	21	%	22 - 45 %
Eosinophils	02	%	01 - 04 %
Monocytes	06	%	01 - 06 %
Basophils	00	%	00 - 01 %
Immature Granulocytes	00	%	0 - 2 %
Smear Study			
	RBCs are Normochromic & Normocytic. Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.		
BLOOD INDICES (by Calculated Method)			
M.C.V	86.5	fl	78 - 100 fl
M.C.H	28.8	pg	27 - 31 pg

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M.C.H.C.	33.3	gm/dl	32 - 36 gm/dl
RDW-CV	13.2	%	11.5 - 14.0 %
ESR (Red Cell Aggregation)			
After One Hour	11	mm	0 - 12 mm
Blood Group Rh			
ABO	"O"		
Rh	POSITIVE		

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ORD/281122/2457

LAB/281122/740 Lab No : 2022175795 LSN : 937767 (SERUM) Sample Quality : Normal
Collection Time : 28/11/2022 15:50:56 Arrival : 28/11/2022 16:11:57 Validation Time 29/11/2022 12:41:46AM

Liver Function Test

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Alkaline Phosphatase <i>(PNPP,AMP Buffer Method,Colorimetric)</i>	80.2	U/L	40 - 129 U/L
Billirubin			
Total Billirubin <i>(Diazospecial Iazonium Iron with Blank)</i>	0.43	mg/dL	0.0 - 1.0 mg/dL
Direct Billirubin <i>(Diazo,(Evelyn Malloy) with Blank)</i>	0.26	mg/dL	0.0 - 0.2 mg/dL
Indirect Billirubin <i>(Calculated from Total and Direct Billirubin)</i>	0.17	mg/dL	0.0 - 0.8 mg/dL
SGPT (ALT) <i>(IFCC without pyridoxal phosphate)</i>	20.74	U/L	0 - 41 U/L
SGOT (AST) <i>(IFCC without pyridoxal 5 phosphate)</i>	16.35	U/L	0 - 40 U/L
Total Protein			
Total Proteins <i>(Biuret Method)</i>	8.50	gm/dl	6.4 - 8.3 gm/dl
Albumin <i>(Bromocresol Green Colorimetric)</i>	4.39	gm/dl	3.97 - 4.95 gm/dl
Globulin	4.11	gm/dl	2.2 - 3.5 gm/dl
A/G Ratio	1.07		0.9 - 2.1

*** END OF REPORT ***

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Creatinine <i>(Buffered Jaffe Reaction Kinetic Compensated)</i>	0.78	mg/dL	0.7 - 1.2 mg/dL
Estimated GFR	-	mL/min/1.73m2	67 - 109 mL/min/1.73m2
Fasting Glucose <i>(Hexokinase)</i>	146.0	mg/dL	70 - 100 mg/dL
Remark: Test done from Random sample.			
PSA <i>(ECLIA)</i>	2.73	ng/ml	0 - 4 ng/ml
Thyroid Function Test			
TOTAL T3 (T3) *	1.33	ng/ml	0.846 - 2.02 ng/ml

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<i>(Electrochemiluminescence Assay)</i>			
TOTAL T4 (T4) *	9.31	µgm/dl	5.13 - 14.06 µgm/dl
<i>(Electrochemiluminescence Assay)</i>			
TSH	5.21	µIU/ml	0.27- 4.20 µIU/ml
<i>(Electrochemiluminescence Assay)</i>			
Uric Acid	7.96	mg/dL	3.4 - 7.0 mg/dL
<i>(Uricase Colorimetric Enzymatic)</i>			
Vitamin B-12	210.9	pg/ml	211-946 pg/ml
<i>(Electrochemiluminescence Assay)</i>			
Vitamin D (25 OH) *	11.49	ng/ml	Deficiency : ≤ 20 ng/ml
<i>(Electrochemiluminescence Assay)</i>			Insufficiency : 21 - 29 ng/ml
			Normal : ≥ 30 ng/ml

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ORD/281122/2457

LAB/281122/741 Lab No : 2022175796 LSN : 937767 (SERUM) Sample Quality : Normal
 Collection Time : 28/11/2022 15:50:56 Arrival : 28/11/2022 16:11:57 Validation Time 29/11/2022 12:40:04AM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
BUN * (Ureas with UV)	12.2	mg/dL	6 - 20 mg/dL

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ORD/281122/2457

LAB/281122/778 Lab No : 2022175833 LSN : 937767 (Urine) Sample Quality : Normal
Collection Time : 28/11/2022 16:30:03 Arrival : 28/11/2022 16:40:03 Validation Time 28/11/2022 7:21:09PM

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Urine R & M			
PHYSICAL EXAMINATION			
Quantity	20 cc	.	.
Colour	Pale Yellow	.	.
Transperancy	Clear	.	.
Reaction	5.0	.	.
(QDS-10 Strip)			
Sp. Gravity	1.020	.	1.005 - 1.035 .
(QDS-10 Strip)			
CHEMICAL EXAMINATION			
U. Albumin	Nil	.	.
(QDS-10 Strip/Manual)			
U. Glucose	Present(+)	.	.
(QDS-10 Strip/Manual)			
U. Acetone	Absent	.	.
(QDS-10 Strip/Manual)			
BS/BP	Absent	.	.
(QDS-10 Strip/Manual)			
MICROSCOPIC EXAMINATION			
Pus Cell	Occasional	/H.P.F.	/H.P.F.
Red Blood Cell	Nil	/H.P.F.	/H.P.F.
Epithelial Cell	1-2	/H.P.F.	/H.P.F.
Cast	Not Seen		
Crystals	Not Seen		
Amorphous	Absent		
Monilia	Absent		

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ORD/281122/2457

ORD/281122/2457 Lab No : 2022175795 LSN : 937767 (SERUM) Sample Quality : Normal
Collection : 28/11/2022 3:50:56PM Arrival: 28/11/2022 16:12:39 Validation Time: 28/11/2022 17:22:52

Lipid Profile (With Direct LDL)

	<u>Result</u>	<u>Unit</u>	<u>Reference Range</u>
Type of Sample	: Random	.	
Cholesterol <i>(Enzymatic/Colorimetric, Cholesterol Oxidas, Esterase, Peroxidase Gen.2)</i>	: 205.6	mg/dL	Less than 160 mg/dl Excellent Less than 200 mg/dl Desireble 200-239 mg/dl Borderline High 240 mg/dl & over High
Triglyceride <i>(Enzymetic Colorimetric without Glycerol Blank without Serum Blank)</i>	: 980.9	mg/dL	Less than 150 mg/dl Normal 150 - 199 mg/dl Borderline High 200-499 mg/dl High 500 mg/dl or greater Very High
HDL Cholesterol <i>(Direct Mearuse Homogenous Technique Modified Enzymatic Colorimetric Gen. 3)</i>	: 34.1	mg/dL	Less than 40 mg/dl Low 60 mg/dl or above Excellent
L D L Cholesterol (DIRECT) <i>(Homogenous Enzymatic colorimetric Assay)</i>	: 117.0	mg/dL	Less than 80 mg/dl Excellent Less than 100 mg/dl Optimal 100 - 129 mg/dl Near or above optimal 130 - 159 mg/dl Borderline High 160 - 189 mg/dl High 190 mg/dl & above Very High
VLDL Cholesterol <i>(Calculated)</i>	: 196.18	mg/dL	15 - 30 mg%
Cholesterol/HDL Ratio <i>(Calculated)</i>	: 6.03		Normal upto 4.5
LDL/HDL Ratio <i>(Calculated)</i>	: 3.43		Less than 3.5

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Print Date/Time: 06/12/2022 5:34:46PM Page 2 of 2